

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083787.D
 Acq On : 14 Dec 2015 23:47
 Operator : UM/IZ
 Sample : G4779-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Dec 15 02:27:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

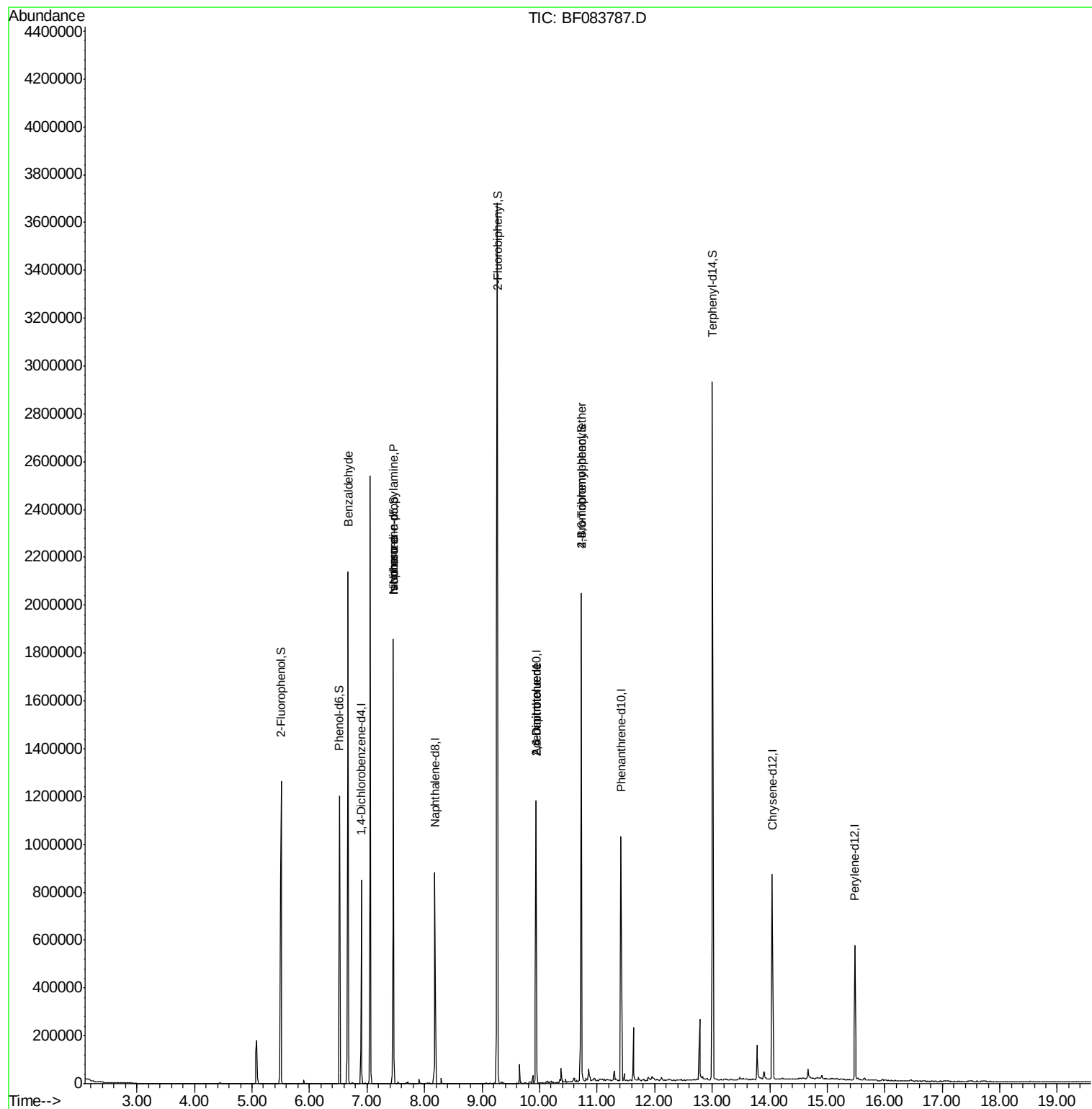
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121552	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	452781	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	234921	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	391376	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	318902	20.00	ng	-0.03
86) Perylene-d12	15.48	264	239029	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	460039	61.06	ng	-0.02
7) Phenol-d6	6.52	99	386311	40.49	ng	-0.02
23) Nitrobenzene-d5	7.46	82	635565	78.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	328207	137.11	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1297545	79.29	ng	-0.02
78) Terphenyl-d14	13.00	244	1163197	78.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	16954	3.31	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.46	70	86011	14.72	ng	# 71
25) Isophorone	7.46	82	627061	39.49	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	31081	8.00	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	31083	6.12	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	23036	5.26	ng	# 1

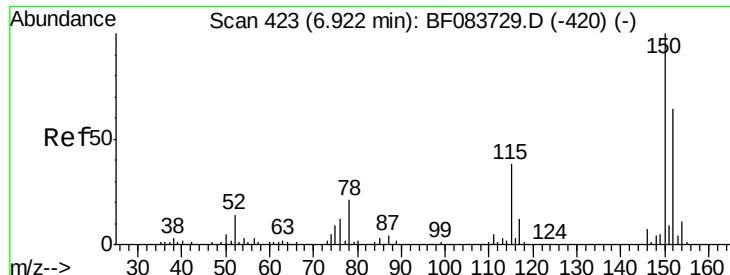
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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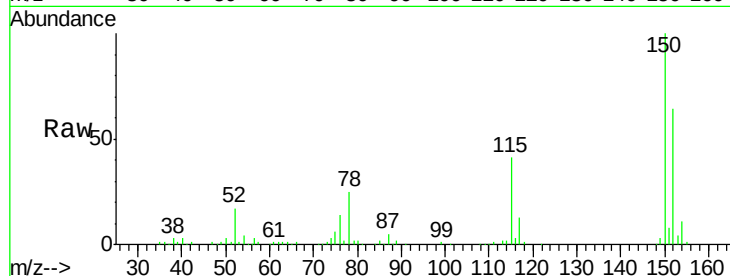




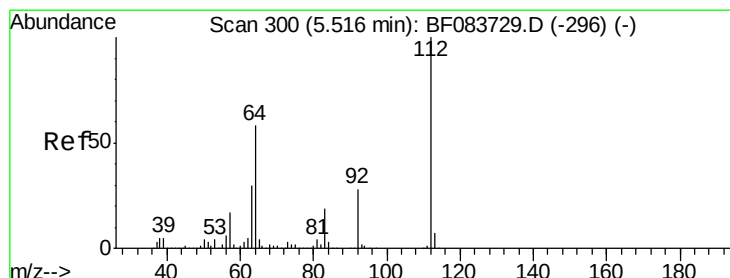
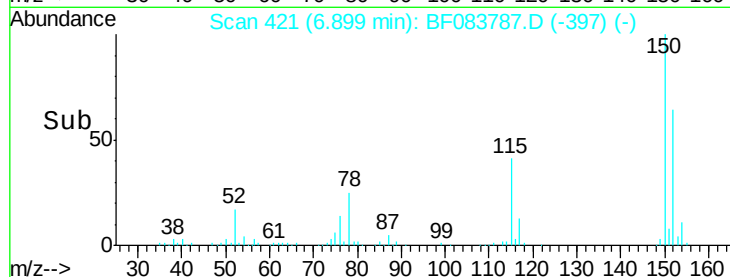
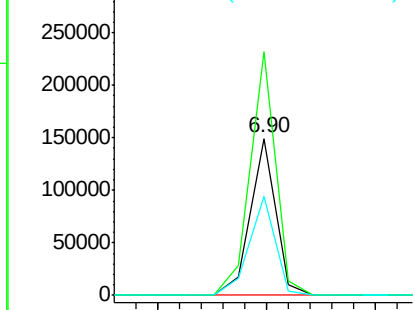
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion:152 Resp: 121552
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.5 189.7
 115 63.1 52.3 78.5

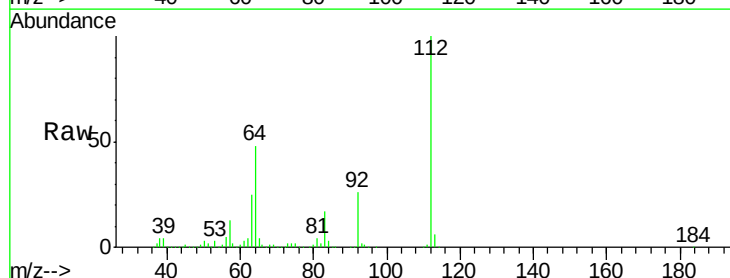


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

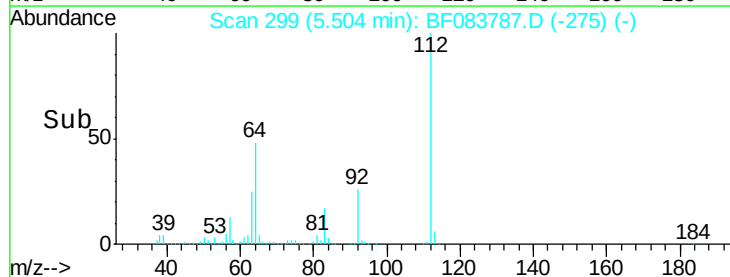
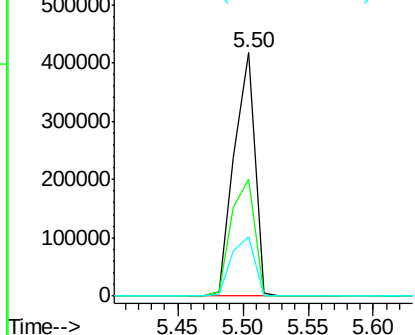


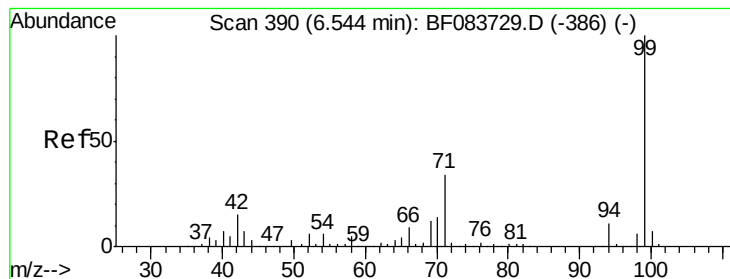
#5
 2-Fluorophenol
 Concen: 61.06 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion:112 Resp: 460039
 Ion Ratio Lower Upper
 112 100
 64 48.2 50.5 75.7#
 63 24.6 25.8 38.6#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

W-23

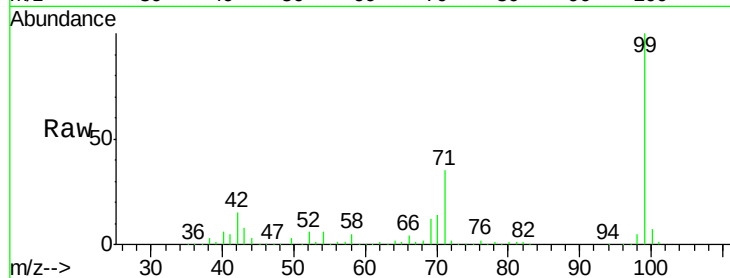
Tgt Ion: 99 Resp: 386311

Ion Ratio Lower Upper

99 100

42 14.6 17.3 25.9#

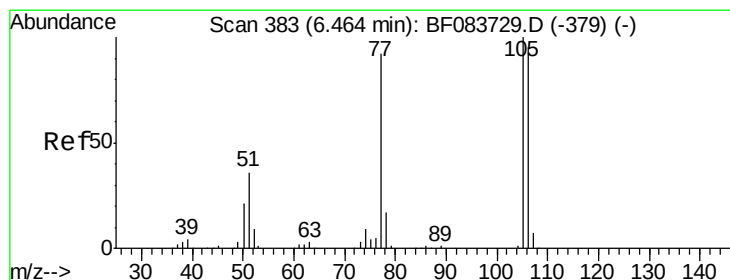
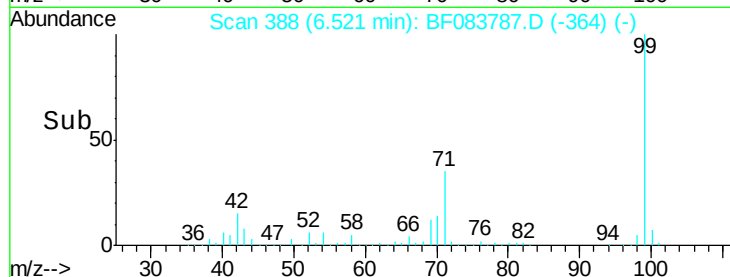
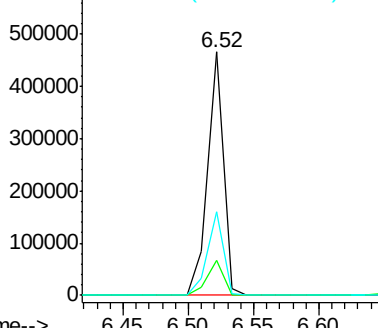
71 34.6 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.31 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

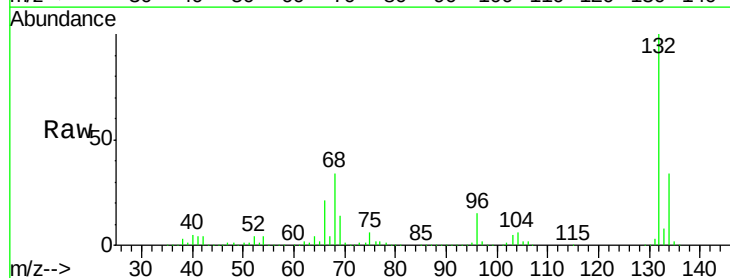
Tgt Ion: 77 Resp: 16954

Ion Ratio Lower Upper

77 100

105 95.3 71.8 111.8

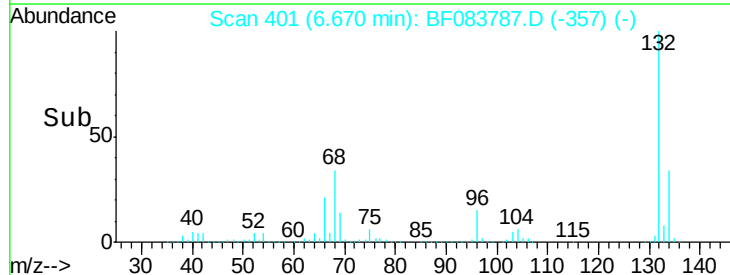
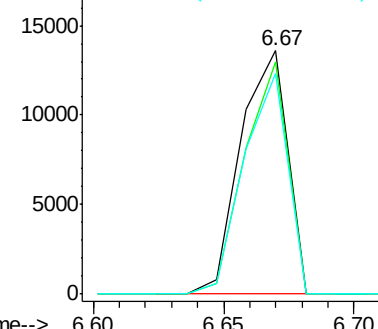
106 90.5 66.8 106.8

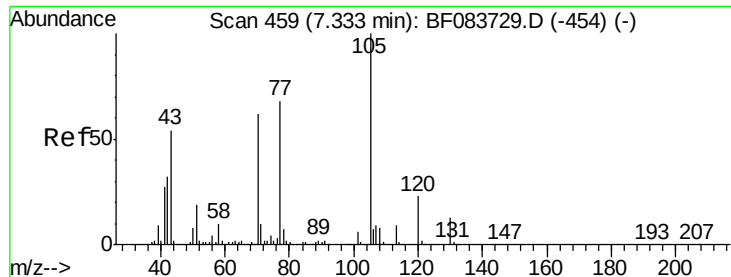


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

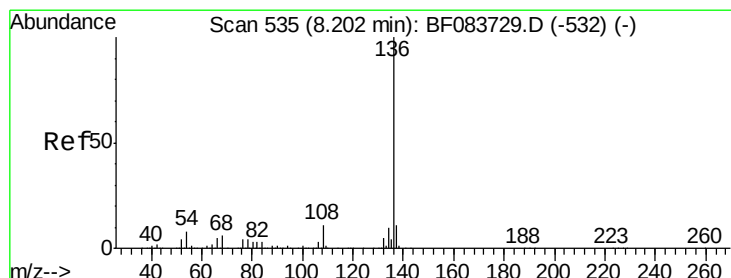
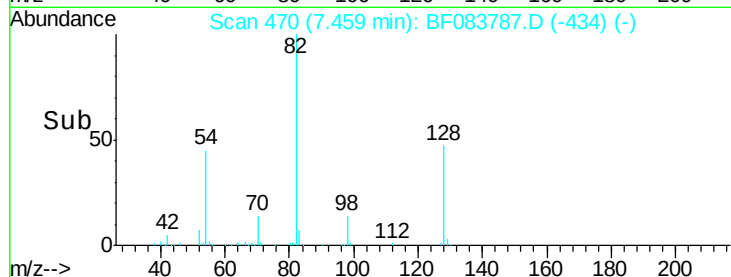
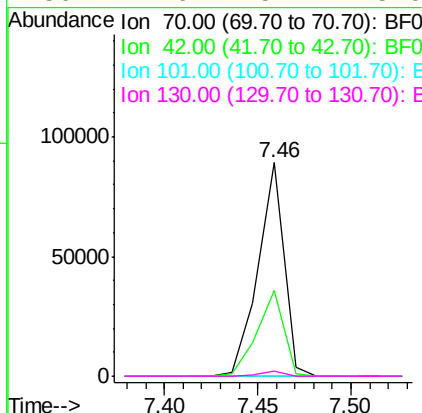
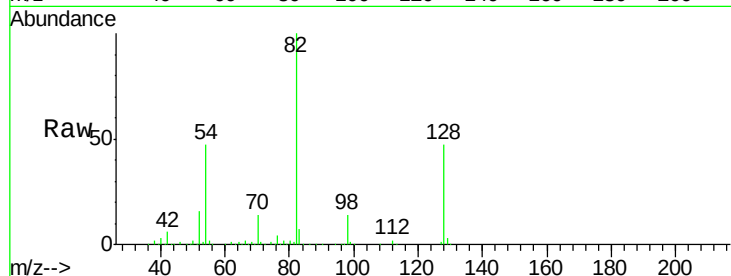




#19
n-Nitroso-di-n-propylamine
Concen: 14.72 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083787.D
Acq: 14 Dec 2015 23:47

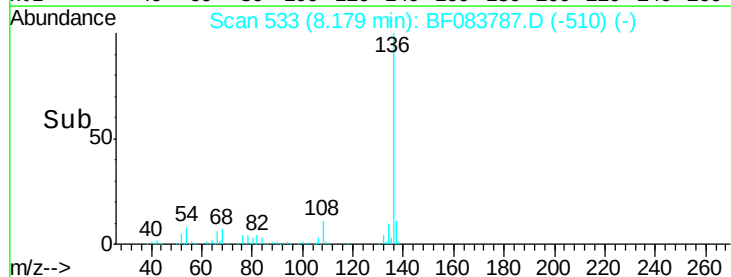
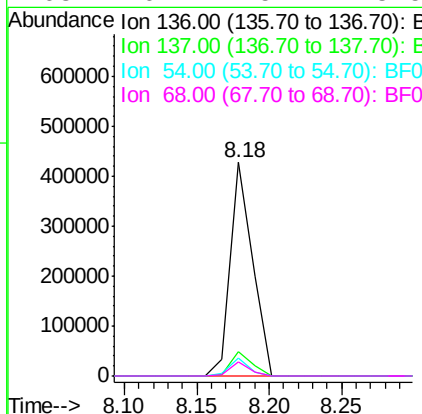
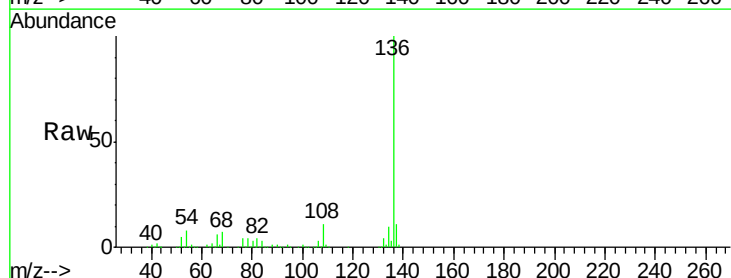
Instrument :
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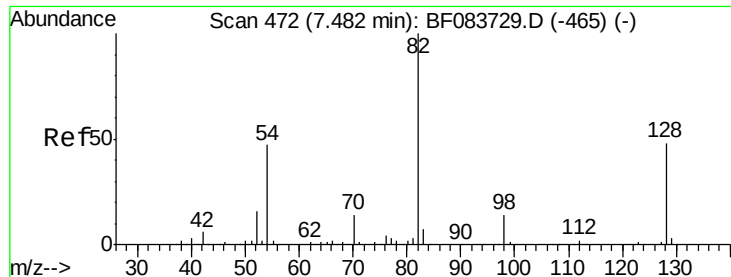
Tgt Ion: 70 Resp: 86011
Ion Ratio Lower Upper
70 100
42 40.4 49.2 73.8#
101 0.0 7.1 10.7#
130 2.6 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083787.D
Acq: 14 Dec 2015 23:47

Tgt Ion: 136 Resp: 452781
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.3 7.8 11.6
68 6.7 5.7 8.5

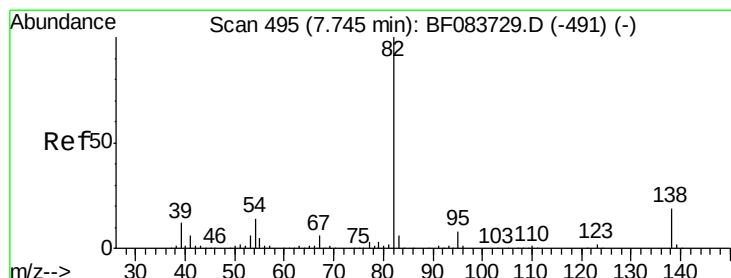
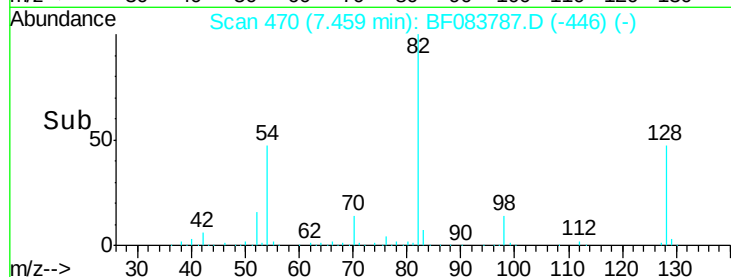
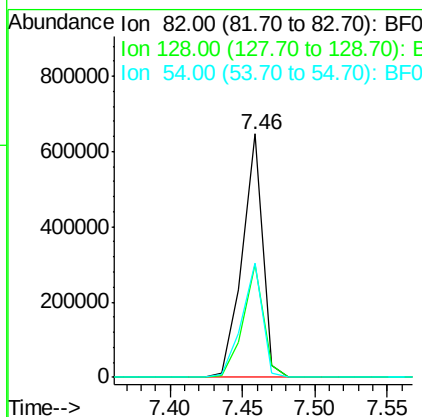
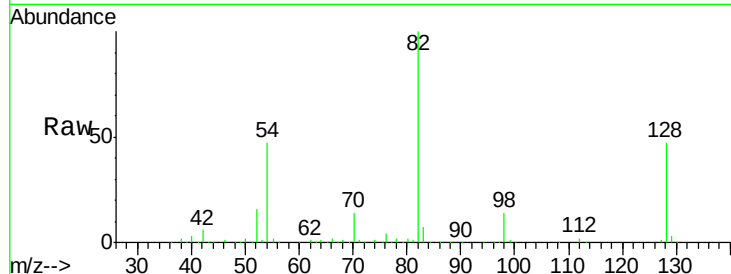




#23
Nitrobenzene-d5
Concen: 78.53 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083787.D
Acq: 14 Dec 2015 23:47

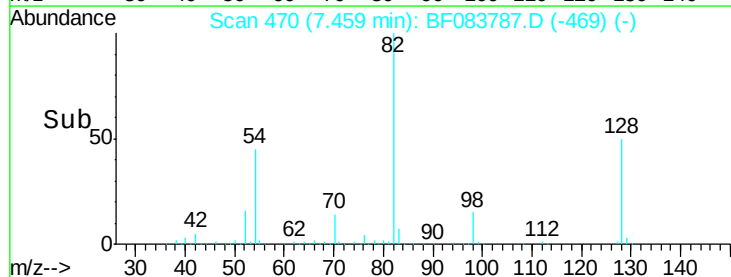
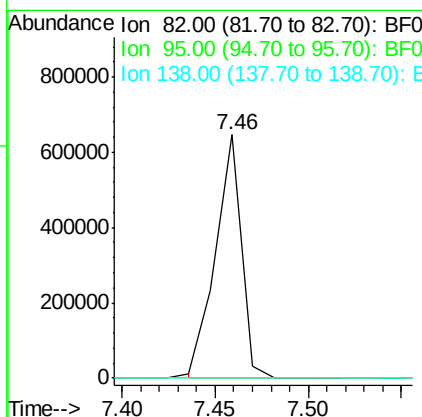
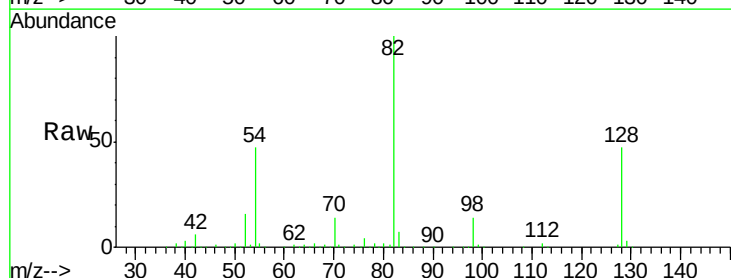
Instrument :
BNA_F
ClientSampleId :
W-23

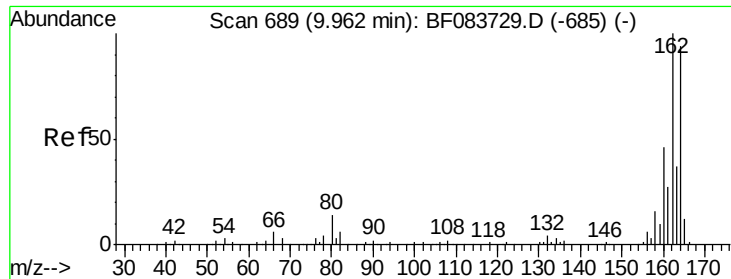
Tgt Ion: 82 Resp: 635565
Ion Ratio Lower Upper
82 100
128 46.6 30.7 46.1#
54 46.8 42.5 63.7



#25
Isophorone
Concen: 39.49 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083787.D
Acq: 14 Dec 2015 23:47

Tgt Ion: 82 Resp: 627061
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.1 18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

W-23

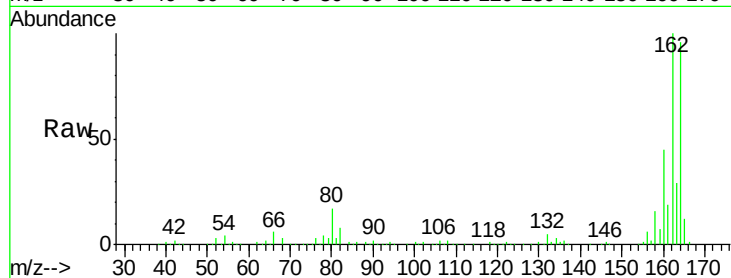
Tgt Ion:164 Resp: 234921

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

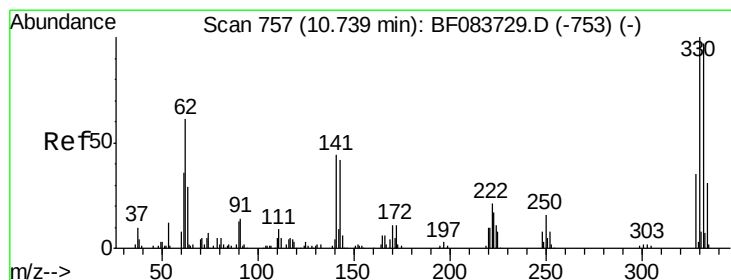
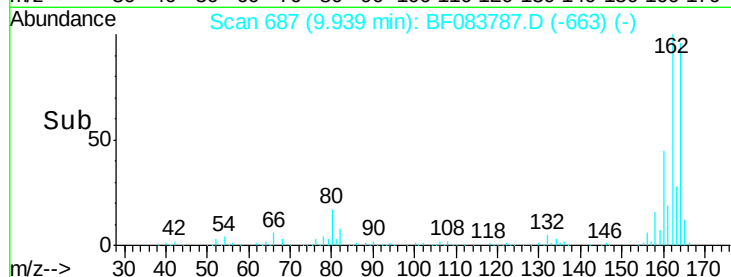
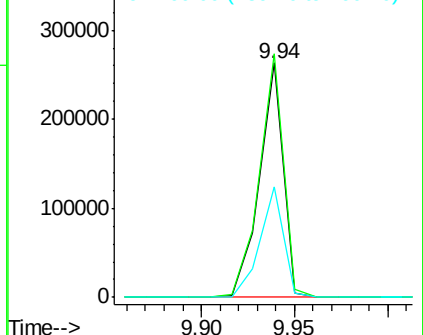
160 47.1 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 137.11 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

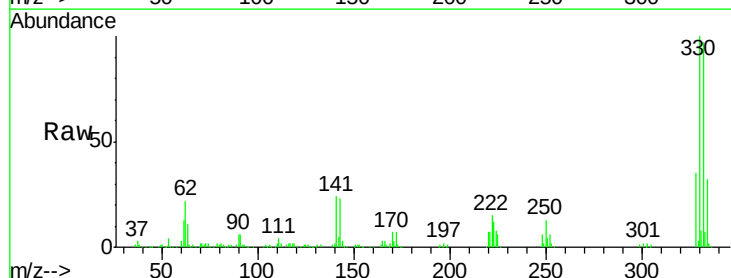
Tgt Ion:330 Resp: 328207

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

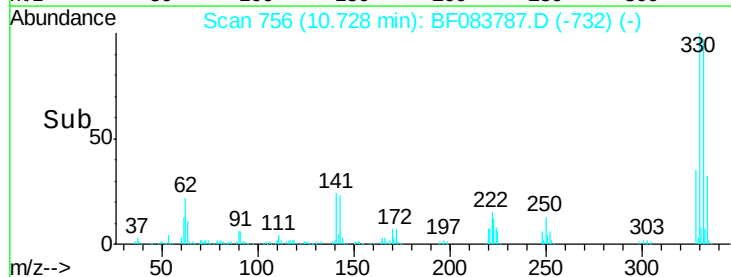
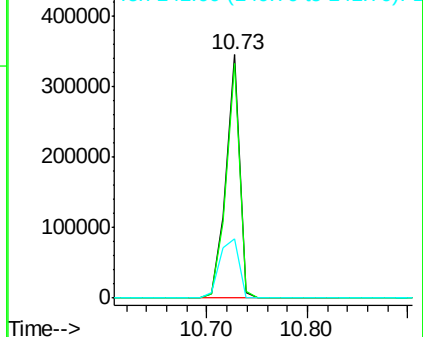
141 34.5 0.0 0.0#

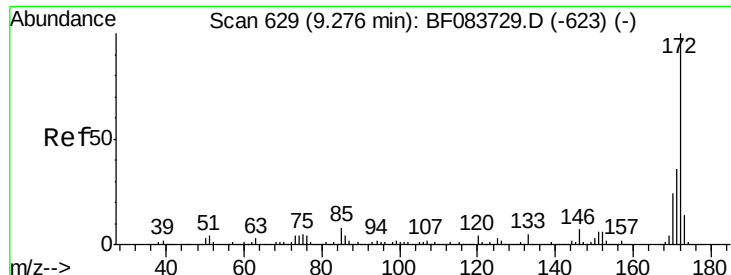


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

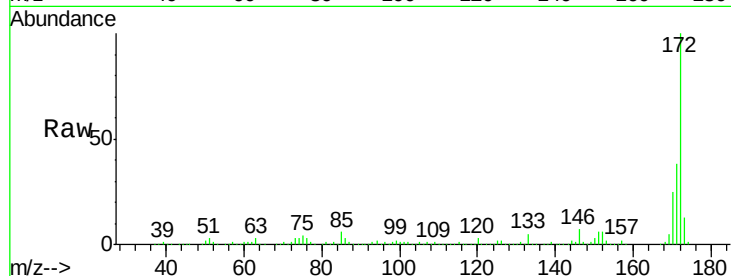




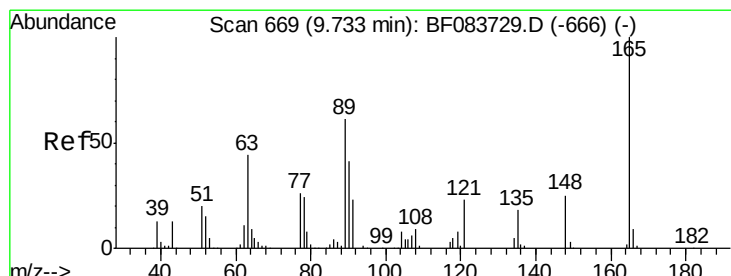
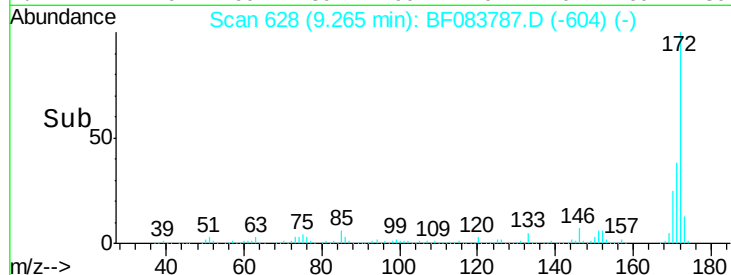
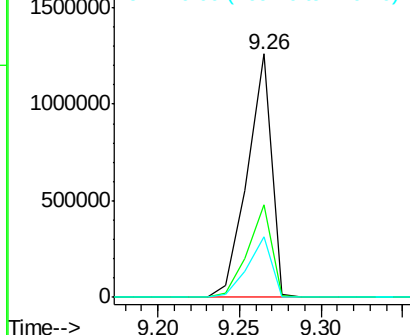
#44
 2-Fluorobiphenyl
 Concen: 79.29 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

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Tgt Ion:172 Resp: 1297545
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.6 42.8
 170 25.0 19.4 29.0

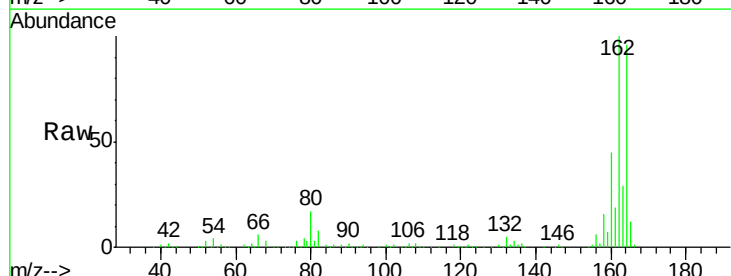


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

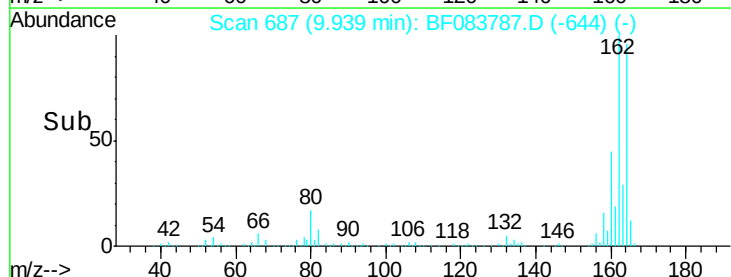
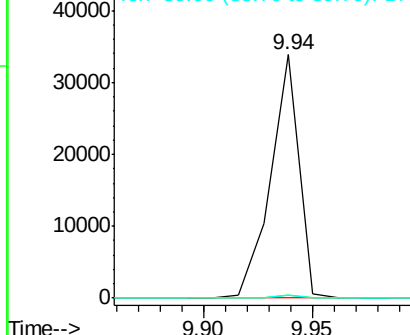


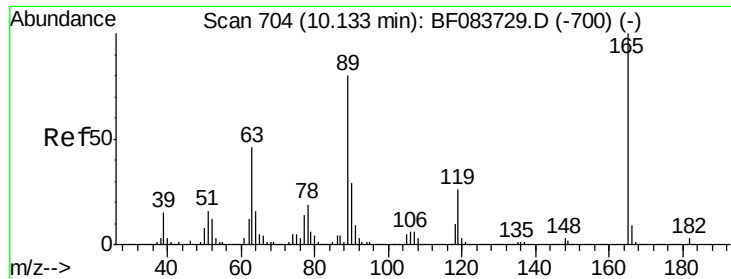
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion:165 Resp: 31081
 Ion Ratio Lower Upper
 165 100
 63 1.3 56.9 85.3#
 89 1.5 52.1 78.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

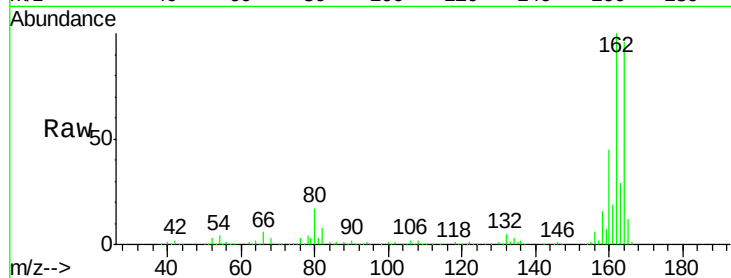




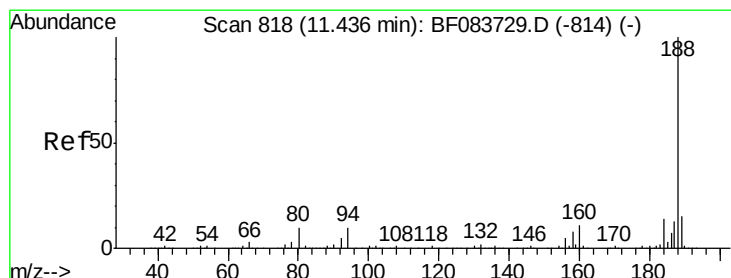
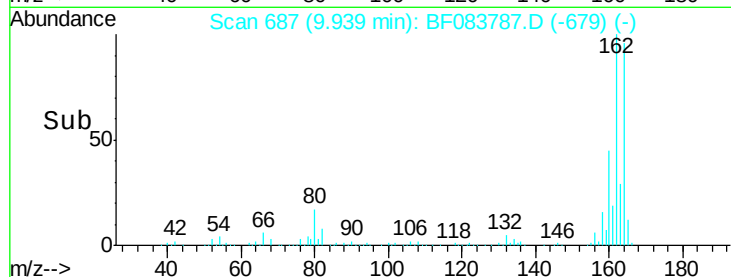
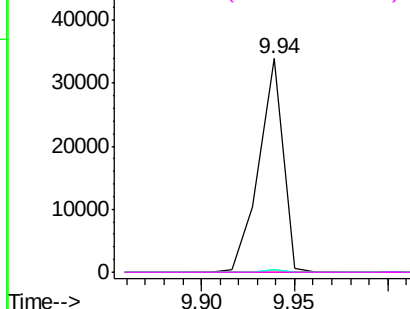
#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Instrument :
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 ClientSampleId :
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Tgt Ion:165 Resp: 31083
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.4 77.2#
 89 1.5 72.6 108.8#
 182 0.0 1.4 2.0#

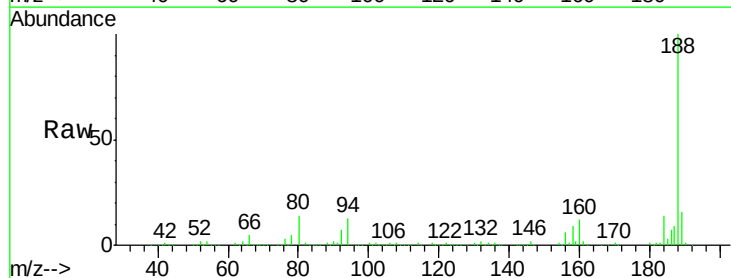


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

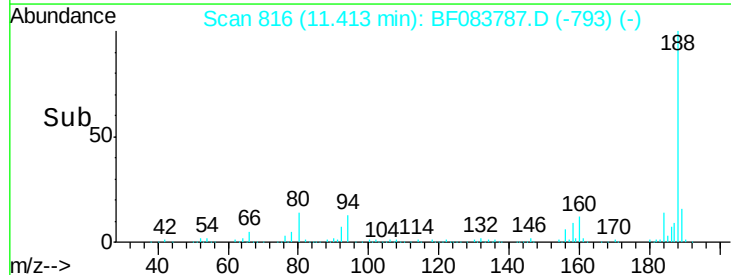
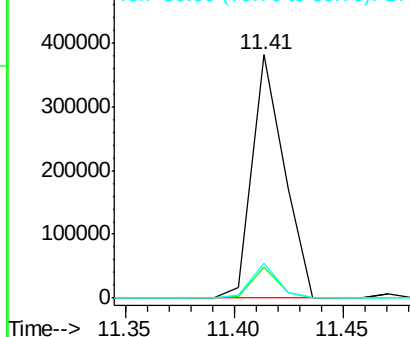


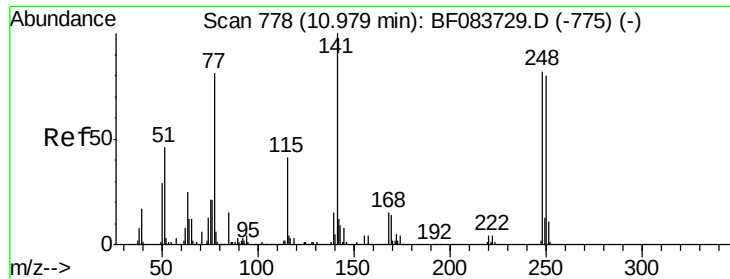
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion:188 Resp: 391376
 Ion Ratio Lower Upper
 188 100
 94 13.0 9.4 14.2
 80 14.4 10.6 16.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

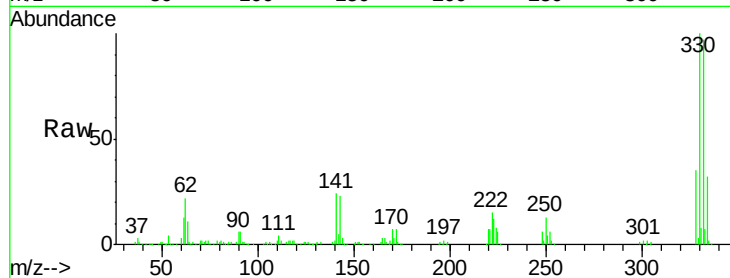




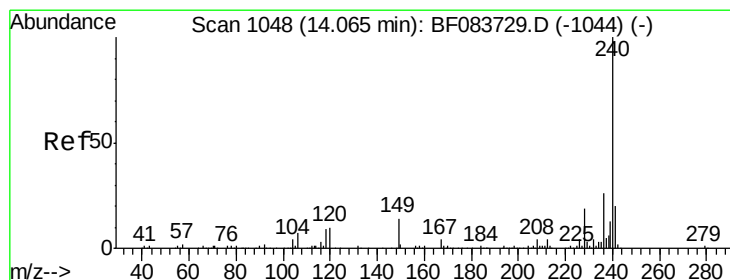
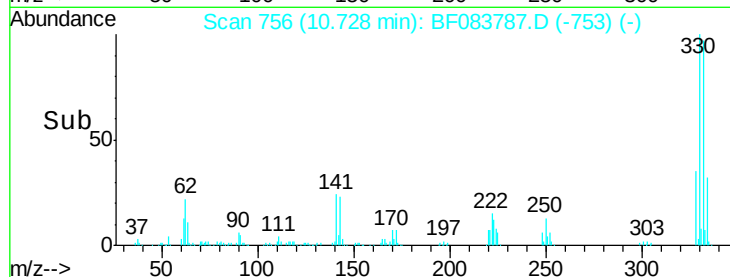
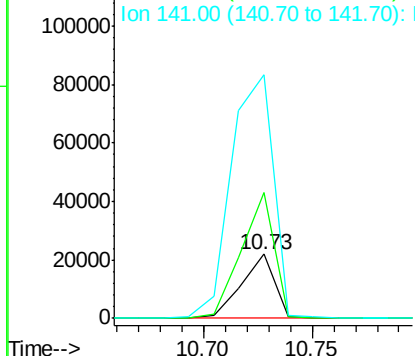
#66
4-Bromophenyl-phenylether
Concen: 5.26 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083787.D
Acq: 14 Dec 2015 23:47

Instrument :
BNA_F
ClientSampled :
W-23

Tgt Ion:248 Resp: 23036
Ion Ratio Lower Upper
248 100
250 196.0 79.2 118.8#
141 378.3 58.2 87.4#

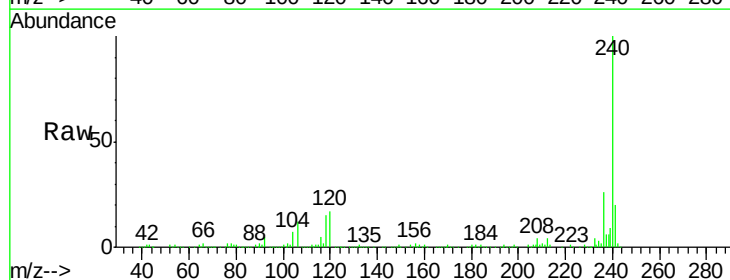


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

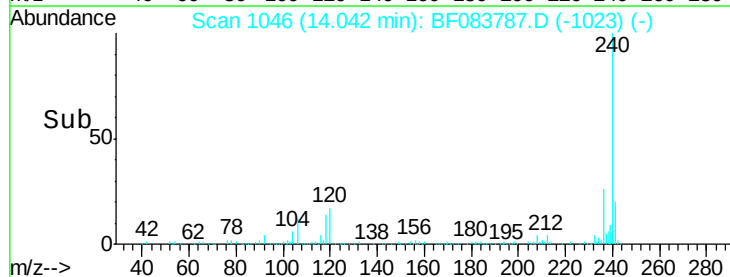
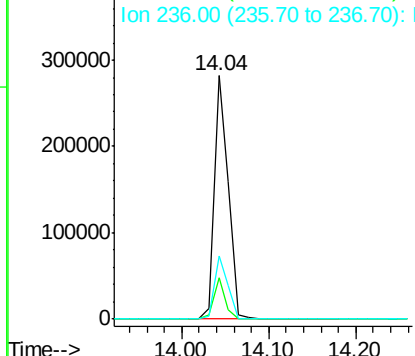


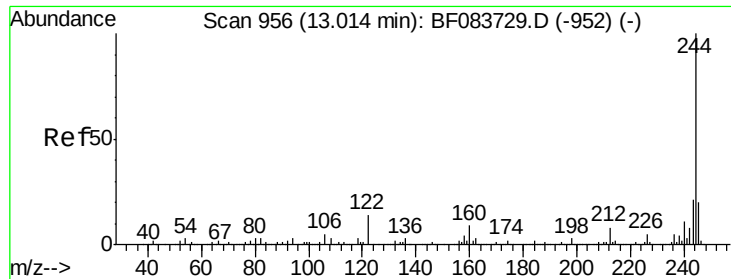
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083787.D
Acq: 14 Dec 2015 23:47

Tgt Ion:240 Resp: 318902
Ion Ratio Lower Upper
240 100
120 17.0 8.1 12.1#
236 26.1 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

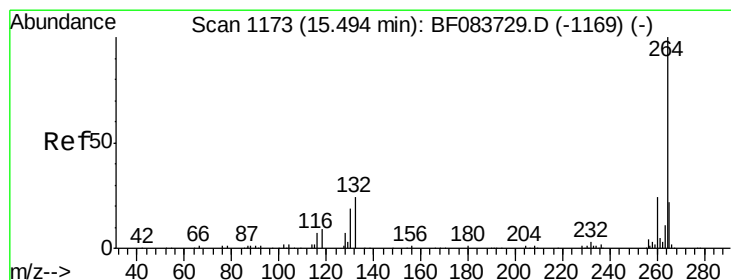
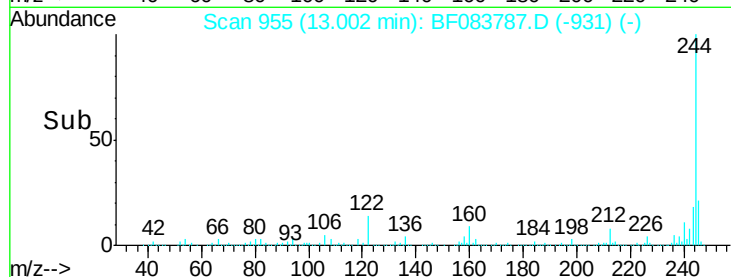
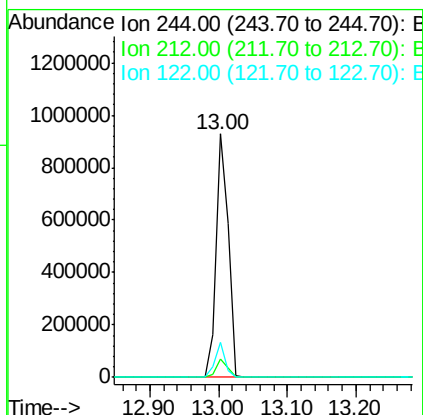
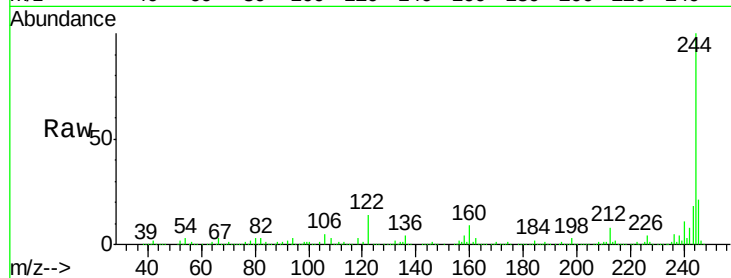




#78
 Terphenyl-d14
 Concen: 78.46 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion:244 Resp: 1163197
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion:264 Resp: 239029
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.7 17.8 26.6

